FilmL.A., Inc.
6255 W Sunset Blvd, 12th Floor
Hollywood, CA 90028
t: (213)977-8600 - f: (213)977-8601
www.filmla.com

## Summary Information

**Permit No:** F00156284-F **Type of Permit:** FILMING **Release Date:** 09/24/2019

| | |
|---|---|
| **Production Company** | AUTONOMY PRODUCTIONS LLC |
| **Insured Company Name** | AUTONOMY PRODUCTIONS LLC |
| Contact Phone No. 1 | 818-475-7681 |
| Contact Phone No. 2 | |
| Fax | |
| Address | 24715 OAK CREEK AVE<br>NEWHALL, California 91321 |
| **Production Title** | MONTY'S LAST STAND #308 |
| **Type of Production** | TV Drama |

| | |
|---|---|
| **Producer** | David Witz |
| **Director** | N/A N/A |
| **1st AD** | N/A N/A |
| **Production Manager** | Margot Lulick |
| **FilmL.A. Coordinator** | Philip Ujlaki |
| **Location Manager** | Michael Wesley |
| Primary Phone | Mobile - 818-517-6271 |
| Secondary Phone | |
| **Location Assistant** | N/A N/A |
| Primary Phone | Mobile - 213-534-3956 |
| Secondary Phone | |

### Fees

| | | | |
|---|---|---|---|
| FILMLA NON-REFUNDABLE FILM PERMIT RIDER FEE | $111.00 | **Total Permit Fee** | $111.00 |
| | | **Number of Locations** | 2 |

NOT A PERMIT

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## Summary Information — Location



**Permit Number** F00156284-F
**Production Company** AUTONOMY PRODUCTIONS LLC
**Insured Company** AUTONOMY PRODUCTIONS LLC
**Production Title** MONTY'S LAST STAND #308

**Location Manager** Michael Wesley
Primary Phone Mobile - 818-517-6271
Secondary Phone

**Location Address** 445 S Figueroa St, Los Angeles, CA, 90071
**Location Name** UNION BANK PLAZA
**Location Type** Business
**Prep Dates** 9/23/2019 - 9/24/2019 07:00 - 19:00 2 days
**Film Dates** 9/24/2019 - 9/24/2019 17:00 - 07:00 1 day
**Strike Dates** 9/25/2019 - 9/25/2019 07:00 - 19:00
**Open or Closed to the Public** Closed

**Generic Conditions**
**THE CONSUMPTION OF ALCOHOLIC BEVERAGES AND THE USE OF DRUGS, INCLUDING MARIJUANA, ON LOCATION BY ANY CAST, CREW, OR INVITED GUESTS IS STRICTLY PROHIBITED.**
*Certain service and personnel fees required by jurisdictional agencies are not collected by FilmL.A. Any such fees must be paid directly to the appropriate agency, and a separate invoice will be provided to the permittee.
*LAFD UFSO: Company must contact FilmL.A. for extension of the Uniformed Fire Safety Officers' hours. During normal business hours, UFSO must also inform the LAFD Film desk of the extension.
Community Survey Obtained
Must Maintain 5' Clearance on Sidewalks/Walkways
Must maintain local/emergency access
No cast or crew parking on area streets
No interference with vehicular or pedestrian traffic
Notify LAPD Rampart Division (213) 484-3400 and comm. (213) 978-6552 1/2 hour prior to any gunfire, brandishing weapons, special effects or simulated emergency or criminal activity.
Number of uniformed officers listed on the permit is a minimum requirement. Permittee remains responsible for deploying a sufficient number of uniformed officers to provide traffic and crowd control to ensure the safety of the film crew and the public.
Traffic control must be done in accordance w/MUTCD
Traffic Officers Required
Uniformed officers shall have a copy of the film permit in their possession and are required to confirm that all traffic control signage devices are in place.

**Please see attached documents**
09.24.19, SUZUKI, U29030, 4TH ST. & BEAUDRY AND 445 S. FIGUEROA ST..pdf
156284_WS_FIGUEROA_4TH_5TH_ Layout1 (1).pdf
156284_FULL_4TH_110 OVERPASS_BEAUDRY_FLOWER.pdf
MLS_Ep 308_Drone POA_Union Bank Plaza.pdf
MLS_Ep 308_Drone POA_Union Bank Plaza.PART2.pdf
Downtown Filming Guildelines 2010.03.01.pdf

**Equipment on Location**

| Type | Quantity |
|---|---|
| 5 or 10 ton trucks | 5 |
| Cast/Crew vehicles | 125 |
| Catering Truck | 1 |
| Condors | 3 |
| Cube Trucks | 3 |
| Generator | 3 |

**Personnel on Location**

| Type | Quantity |
|---|---|
| Cast | 2 |
| Crew | 125 |
| Extras | 35 |
| LA City UFSO assigned | 45919 |
| Off-Duty/Retired LAPD Officer(s) | 2 |

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## Summary Information — Location



**Permit Number** F00156284-F
**Production Company** AUTONOMY PRODUCTIONS LLC
**Insured Company** AUTONOMY PRODUCTIONS LLC
**Production Title** MONTY'S LAST STAND #308

**Location Manager** Michael Wesley
Primary Phone Mobile - 818-517-6271
Secondary Phone

| | |
|---|---|
| Motor Homes | 2 |
| Picture vehicles | 5 |
| Portable restrooms | 1 |
| Stakebed Trucks | 3 |
| Trailers | 3 |
| Vans | 3 |

**Filming Activities** Aerial Photography with remote control aircraft. (UAS); Atmospheric smoke effects (water based); Brandishing weapons; Drive by; Drive ups & away; Exterior Dialogue; Intermittent pedestrian control; Intermittent traffic control - 2 minutes standard; Gunfire, squibs, dust hits, flashes, zirk hits; Gunfire hours 2000-0500;

**Gunfire**

| Shot Type | Load Type | No. Takes Per Day | No. Times Per Take |
|---|---|---|---|
| Exterior Single Shot | 1/4 load | 10 - 15 | 10 - 15 |

**Special Effects:** F/X Permit # 29030

| Type | No. Times Per Day | No. Takes Per Take |
|---|---|---|
| Dust Hits | 6 - 10 | 6 - 10 |
| Squibs | 6 - 10 | 6 - 10 |
| Zirk hits | 6 - 10 | 6 - 10 |

Description of F/X Scene: BREAKING GLASS.
SIMULATING FLASH GRENADES, BULLET HITS AND 3 TAKES OF BODY HITS ON 4 ACTORS ON THE CHEST (445
S. FIGUEROA ST.)

**Jurisdiction** **Political:** Los Angeles City - Council District 14 **Police:** Los Angeles Police **Fire:** Los Angeles City Department

**Thomas Guide** **Page:** 634 **Grid:** E4

**Coordinator Note** RIDER -F COLLECTS MISSED RIDER FEE FOR RIDER E.

**Parking**

**Base Camp**
Location Type : Other Location
1201 W 5TH ST, LOS ANGELES, CA 90017

**Crew Parking**
Location Type : Other Location
1201 W 5TH ST, LOS ANGELES, CA 90017

NOT A PERMIT

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Hollywood, CA 90028
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## Summary Information — Location



**Permit Number** F00156284-F
**Production Company** AUTONOMY PRODUCTIONS LLC
**Insured Company** AUTONOMY PRODUCTIONS LLC
**Production Title** MONTY'S LAST STAND #308

**Location Manager** Michael Wesley
Primary Phone Mobile - 818-517-6271
Secondary Phone

**Location Address** 401 S Hope St, Los Angeles, CA, 90071
**Location Type** Gym
**Location Description** YMCA
**Prep Dates** 9/24/2019 - 9/24/2019 06:00 - 19:00 1 day
**Film Dates** 9/24/2019 - 9/24/2019 19:00 - 07:00 1 day
**Strike Dates** 9/25/2019 - 9/25/2019 06:00 - 19:00
**Open or Closed to the Public** Closed

**Generic Conditions**
**THE CONSUMPTION OF ALCOHOLIC BEVERAGES AND THE USE OF DRUGS, INCLUDING MARIJUANA, ON LOCATION BY ANY CAST, CREW, OR INVITED GUESTS IS STRICTLY PROHIBITED.**
*Certain service and personnel fees required by jurisdictional agencies are not collected by FilmL.A. Any such fees must be paid directly to the appropriate agency, and a separate invoice will be provided to the permittee.
Community Survey Obtained
Equipment staging and vehicles may park on one side of the street only.
FAA (UAS): Failure to adhere to any applicable limitations of UAS usage will result in immediate shutdown of UAS activity
FAA (UAS): UAS may not be operated directly over any person, unless authorized by FAA
FAA (UAS): UAS must be operated at an altitude of no more than 400' above ground level
FAA (UAS): UAS operations may not be conducted during night (1/2 hour prior to sunrise, 1/2 hour after sunset).
FAA (UAS): UAS Operator must conform with all FAA Regulations
Must Maintain 5' Clearance on Sidewalks/Walkways
Must maintain local/emergency access
No cast or crew parking on area streets
Number of uniformed officers listed on the permit is a minimum requirement. Permittee remains responsible for deploying a sufficient number of uniformed officers to provide traffic and crowd control to ensure the safety of the film crew and the public.
Traffic control must be done in accordance w/MUTCD
Traffic Officers Required
Uniformed officers shall have a copy of the film permit in their possession and are required to confirm that all traffic control signage devices are in place.

**Please see attached documents**
MLS_308_DRONEPART1.pdf
MLS_308.PART2.pdf
MLS_Ep 308_Drone POA_YMCA.pdf
156284_WS_HOPE ST_HOPE PL_4TH ST__SS_HOPE PL_ HOPE (1).pdf
156284-C_FULL_HOPE PL_GRAND_4TH SH01 (1).pdf
Downtown Filming Guildelines 2010.03.01.pdf

**Equipment on Location**

| Type | Quantity |
|---|---|
| 5 or 10 ton trucks | 4 |
| Cast/Crew vehicles | 125 |
| Catering Truck | 1 |
| Cube Trucks | 3 |
| Generator | 2 |

**Personnel on Location**

| Type | Quantity |
|---|---|
| Cast | 4 |
| Crew | 125 |
| Extras | 30 |
| Off-Duty/Retired LAPD Officer(s) | 2 |

NOT A PERMIT

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## Summary Information — Location

**Location 2 of 2** 

**Permit Number** F00156284-F
**Production Company** AUTONOMY PRODUCTIONS LLC
**Insured Company** AUTONOMY PRODUCTIONS LLC
**Production Title** MONTY'S LAST STAND #308

**Location Manager** Michael Wesley
Primary Phone Mobile - 818-517-6271
Secondary Phone

| | |
|---|---|
| Motor Homes | 2 |
| Portable restrooms | 2 |
| Stakebed Trucks | 3 |
| Trailers | 3 |
| Vans | 3 |

**Filming Activities** Aerial Photography with remote control aircraft. (UAS); Equipment on sidewalk, in curb lane & across street; Exterior Dialogue; Intermittent pedestrian control; Intermittent traffic control - 2 minute standard (except 0700-0900 hrs & 1500-1900 hrs); Walk & talk; Filming on northern sky bridge over S Flower St;

**Jurisdiction** **Political:** Los Angeles City - Council District 14 **Police:** Los Angeles Police **Fire:** Los Angeles City Department

**Thomas Guide Page:** 634 **Grid:** E4

**Coordinator Note** RIDER -F COLLECTS MISSED RIDER FEE FOR RIDER E.

**Parking**

**Base Camp**
Location Type : Other Location
1201 W 5TH ST, LOS ANGELES, CA 90017

**Crew Parking**
Location Type : Other Location
1201 W 5TH ST, LOS ANGELES, CA 90017

NOT A PERMIT

F-315-U

**LOS ANGELES FIRE DEPARTMENT**

Permit #F00156284-F

Permit No: 29030

Date Issue 9/18/2019

SPECIAL PERMIT TO USE SPECIAL EFFECTS

State Lic No 2800.06

| | | | | | | | |
|---|---|---|---|---|---|---|---|
| Name: | Keith Suzuki | Address: | 1501 LUNAR DRIVE | | | Phone: | (626) 826-6720 |
| Company: | | City: | MONTEREY PARK | | | Mobile: | |
| Email: | keithfx3@aol.com | State: | CA | Zip: | 91754 | Fax: | 323 265-4417 |

2nd Operator: 2489.06 mark byers

Production Title: WEST WORLD Production Company: AUTONOMY PRODUCTIONS

Location: 4TH ST. AND BEAUDRY AVE, / 445 S. FIGUEROUA S

**PERMISSION IS HEREBY GRANTED TO SIMULATE:**

SIMULATING A RIOT (4TH & BEAUDRY) CAR FIRE, BURN BARRELS,SMALL SPOT FIRES, SMOKE GRENADES, ROAD FLARES, BREAKING GLASS.

SIMULATING FLASH GRENADES, BULLET HITS AND 3 TAKES OF BODY HITS ON 4 ACTORS ON THE CHEST (445 S. FIGUEROA ST.)

**USING THE FOLLOWING SPECIAL EFFECTS MATERIAL:**

30 - D80-1/2
20 - MD-1
20 - D80-1/8
30 - A-5 IGNITORS
8 - 8' FIRE BARS
200 - ZIRC BALLS
50 - FLARES
10 CASES OF DURAFLAME

SMOKE GRENADES:
100 - WHITE 50 - BLACK
50 - YELLOW 12 KITS - SIMULATED FLASH COMP

**UNDER THE FOLLOWING CONDITIONS:**

UNDER THE DIRECT SUPERVISION OF Keith Suzuki, 2800.06 AND UFSO REQUIRED, FILMLA PERMIT# 156199, GENERAL PRECAUTIONS AGAINST FIRE/INJURY, MULTIPLE FIRE EXTINGUISHERS. COPY OF PERMIT SENT TO SPFX OPERATOR AND FILMLA COORDINATOR PHILIP UJLAKI.

**ADDITIONAL TERMS AND CONDITIONS**

992.6 HSC RESPONSIBILITY. The Company representative shall provide to the authority having jurisdiction the name and license number of the special effects operator who shall have the authority, responsibility and be in charge of handling all Special Effects Material. The company representative shall also allocate sufficient time to the Special Effects Pyrotechnic Operator to prepare for the transportation, parking, storing, securing daily, discharging, disposing of, or otherwise handling of fireworks, pyrotechnic devices, or materials in a sane manner. Upon completion of firing, no unauthorized person shall be permitted access to the firing area until the licensed pyrotechnic operator has determined the area to be safe and secure.

NOTICE: The permittee and production company shall be advised that this permit in no way removes or modifies their responsibility to comply with any other applicable laws or ordinances, including those relating to excessive noise.

57.105.8 THE CHIEF SHALL HAVE THE POWER TO REVOKE OR SUSPEND ANY SPECIAL PERMIT UPON VIOLATION OF THE TERMS AND CONDITIONS IN ACCORDANCE WITH PROVISIONS OF SECTION 57.105.5 OF THE LOS ANGELES MUNICIPAL CODE.

SUBJECT TO FIELD INSPECTION NO DEVIATION WITHOUT WRITTEN PERMISSION

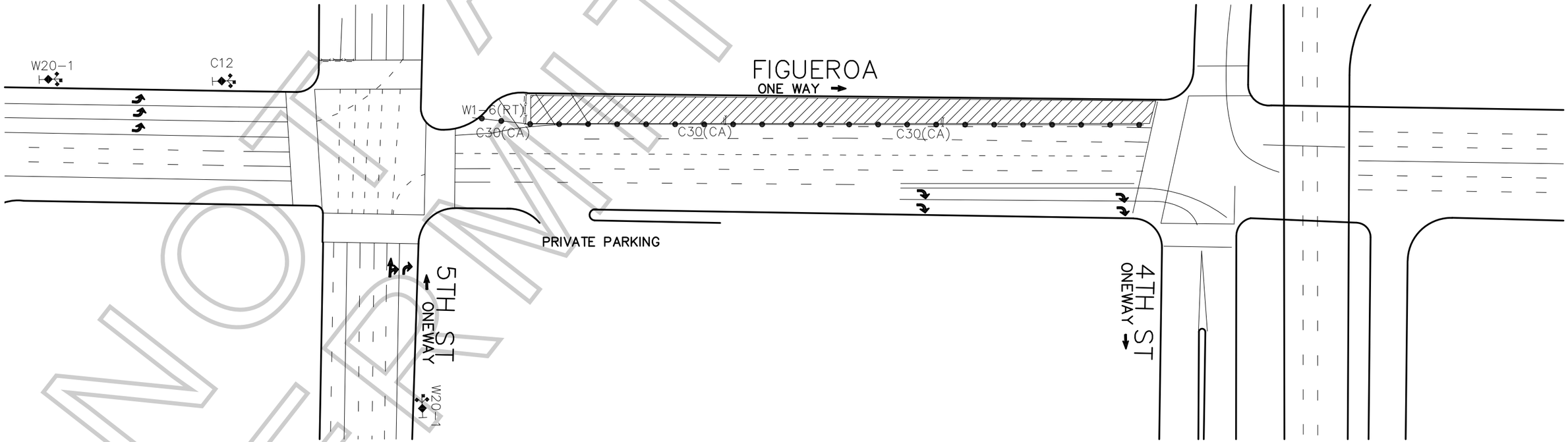
TEMPORARY FROM

**9/24/2019** TO

Fire Chief
By: ANDERSON
Phone: 213 978-3670

lafd:rev 2/2017

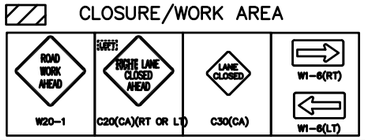
NOT A PERMIT




NOT A PERMIT

LEGEND:

- ADVANCE WARNING SIGN
- SIGN ON TYPE I BARRICADE
- TRAFFIC CONE 28" (REFLECTIVE)
- FLASHING ARROW SIGN (FAS)
- CLOSURE/WORK AREA




FILM LA COORDINATOR: PHILIP AJLAKI
FILM LA PERMIT # F-156284

CLOSURE INFO:

W/S CURB LANE OF FIGUEROA ST
FROM 4TH ST – 5TH ST

9/23, 0700-9/25, 1900

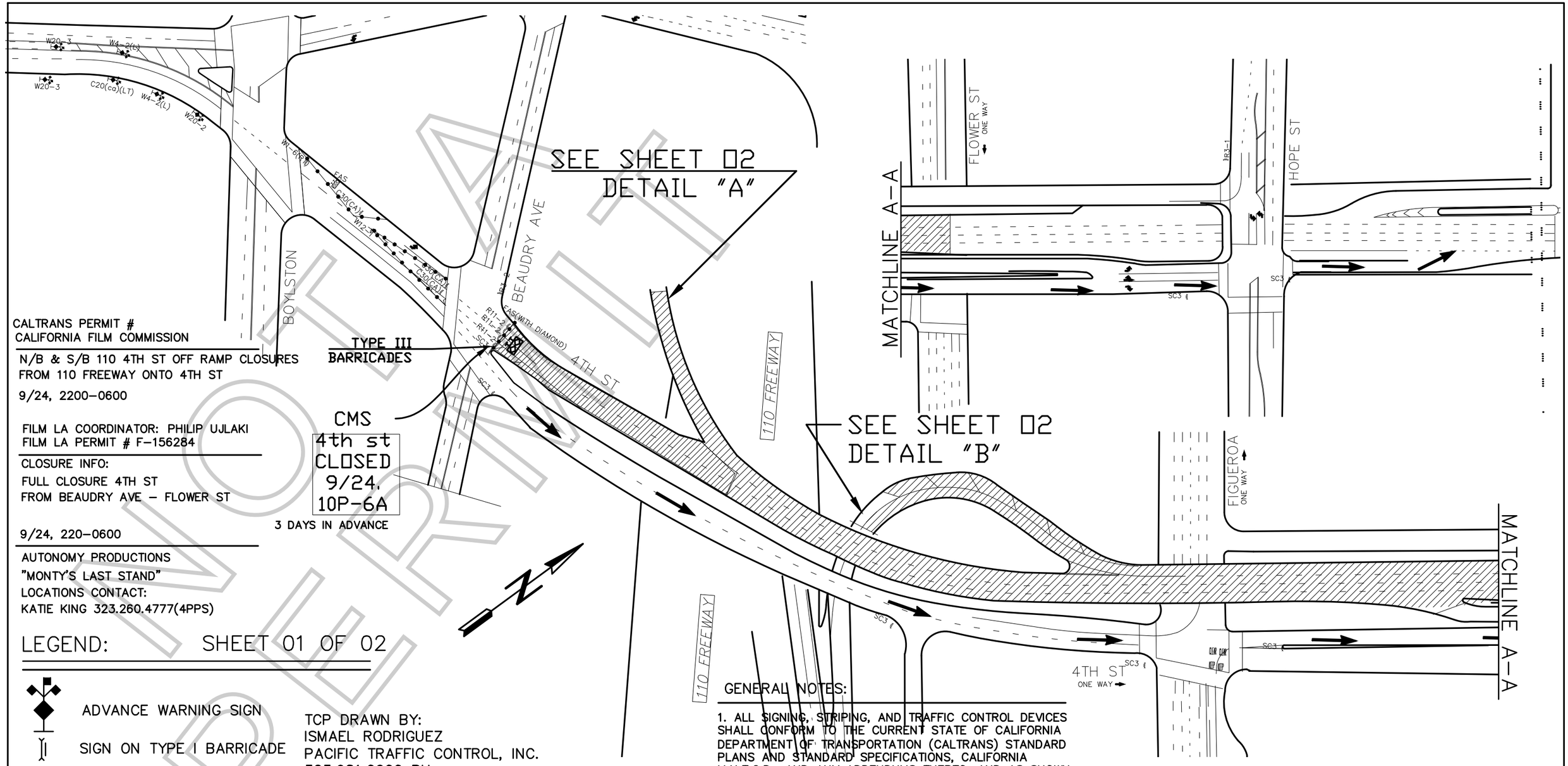
AUTONOMY PRODUCTIONS
"MONTY'S LAST STAND"
LOCATIONS CONTACT:
KATIE KING 323.260.4777(4PPS)

TCP DRAWN BY:
ISMAEL RODRIGUEZ
PACIFIC TRAFFIC CONTROL, INC.
323.981.0600 PH.
LIC # 944488

GENERAL NOTES:

1. ALL SIGNING, STRIPING, AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND STANDARD SPECIFICATIONS, CALIFORNIA M.U.T.C.D., AND ANY ADDENDUMS THERTO, AND AS SHOWN ON THESE PLANS.
2. THERE SHALL BE NO INTERFERENCE WITH TRAFFIC SIGNALS OR CROSSWALKS.
3. CONES SHALL BE 28" MINIMUM HEIGHT AND SHALL HAVE REFLECTORIZED SLEEVES FOR NIGHT WORK.
4. POLICE SHALL DIRECT TRAFFIC AS NECESSARY.

NOT A PERMIT




CALTRANS PERMIT #
CALIFORNIA FILM COMMISSION

N/B & S/B 110 4TH ST OFF RAMP CLOSURES
FROM 110 FREEWAY ONTO 4TH ST

9/24, 2200–0600

FILM LA COORDINATOR: PHILIP UJLAKI
FILM LA PERMIT # F-156284

CLOSURE INFO:
FULL CLOSURE 4TH ST
FROM BEAUDRY AVE – FLOWER ST

9/24, 220–0600

AUTONOMY PRODUCTIONS
"MONTY'S LAST STAND"
LOCATIONS CONTACT:
KATIE KING 323.260.4777(4PPS)

LEGEND:

SHEET 01 OF 02

ADVANCE WARNING SIGN

SIGN ON TYPE I BARRICADE

28" TRAFFIC CONE

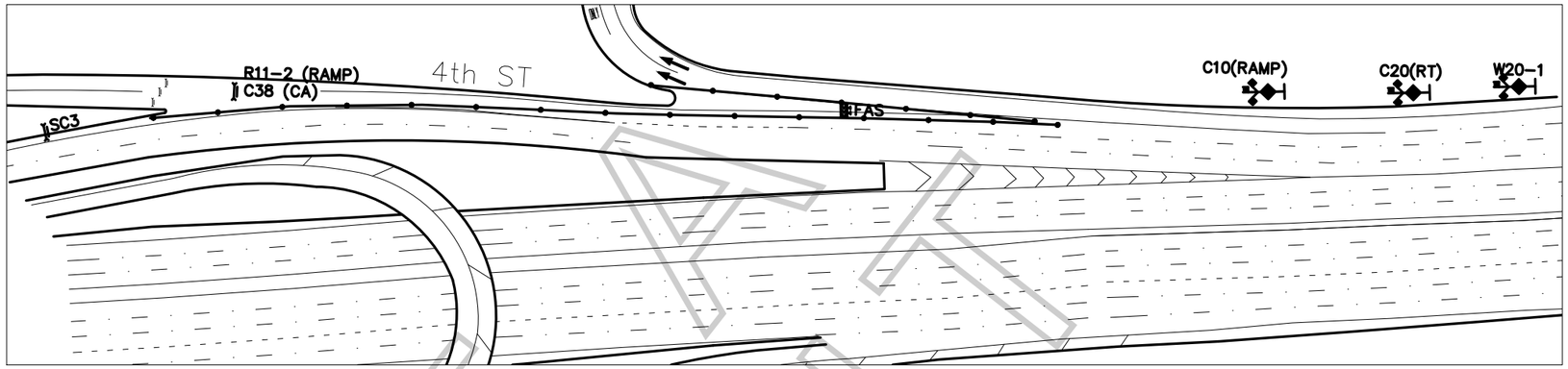
TCP DRAWN BY:
ISMAEL RODRIGUEZ
PACIFIC TRAFFIC CONTROL, INC.
323.981.0600 PH.
LIC # 944488

| ROAD CLOSED | ROAD CLOSED TO THRU TRAFFIC | LANE CLOSED AHEAD | ROAD CLOSED AHEAD | DETOUR AHEAD | LANE CLOSED AHEAD | | |
|---|---|---|---|---|---|---|---|
| R11-2 | R11-4 | W20-5 | W20-3 | W20-2 | W20-1 | R3-1 | R3-2 |

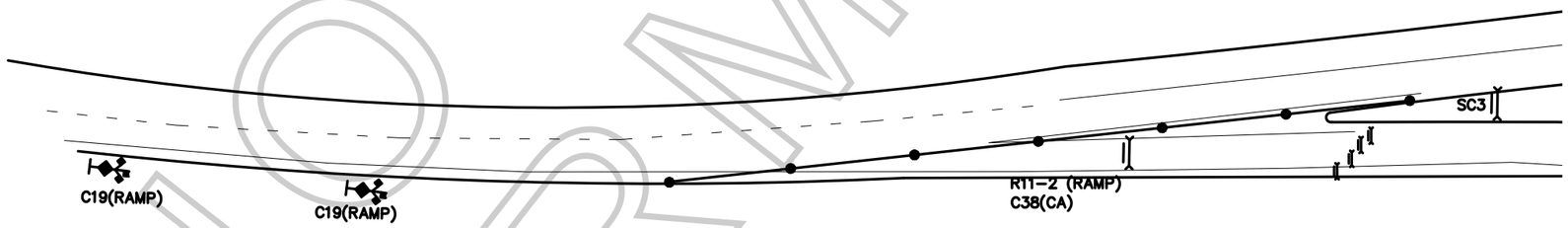
GENERAL NOTES:

1. ALL SIGNING, STRIPING, AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND STANDARD SPECIFICATIONS, CALIFORNIA M.U.T.C.D., AND ANY ADDENDUMS THERTO, AND AS SHOWN ON THESE PLANS.
2. THERE SHALL BE NO INTERFERENCE WITH TRAFFIC SIGNALS OR CROSSWALKS.
3. CONES SHALL BE 28" MINIMUM HEIGHT AND SHALL HAVE REFLECTORIZED SLEEVES FOR NIGHT WORK.
4. POLICE SHALL DIRECT TRAFFIC AS NECESSARY.
5. CONES WILL BE INSTALLED TO DELINEATE ANY TYPE III BARRICADES LOCATED WITHIN PEDESTRIAN CROSSWALK OR PASSAGE WAYS.

## DETAIL "A"




## DETAIL "B"




NOT A PERMIT

FOR TECH USE ONLY

CALTRANS COMMUNICATIONS (323) 259-2352
CLOSURE ID # N/B 110 (P110-IA LOG #1)
CLOSURE ID # S/B 110 (P110-IA LOG #2)
CLOSED 10-97
OPEN 10-98
IF CANCEL ON SITE, 10-22
(CHUCK 7L42)

LEGEND: SHEET 02 OF 02

ADVANCE WARNING SIGN

SIGN ON TYPE I BARRICADE

28" TRAFFIC CONE

| | | | | | |
|---|---|---|---|---|---|
| RAMP CLOSED AHEAD | DETOUR AHEAD | USE NEXT EXIT | RAMP CLOSED AHEAD | | |
| C19(RAMP | W20-2 | C38(CA) | W20-3(RAMP) | R3-1 | R3-2 |

CALTRANS PERMIT #
CALIFORNIA FILM COMMISSION

N/B & S/B 110 4TH ST OFF RAMP CLOSURES
FROM 110 FREEWAY ONTO 4TH ST

9/24, 2200-0600

FILM LA COORDINATOR: PHILIP UJLAKI
FILM LA PERMIT # F-156284

CLOSURE INFO:
FULL CLOSURE 4TH ST
FROM BEAUDRY AVE - FLOWER ST

9/24, 2200-0600

AUTONOMY PRODUCTIONS
"MONTY'S LAST STAND"
LOCATIONS CONTACT:
KATIE KING 323.260.4777(4PPS)

TCP DRAWN BY:
ISMAEL RODRIGUEZ
PACIFIC TRAFFIC CONTROL, INC.
323.981.0600 PH.
LIC # 944488

GENERAL NOTES:

1. ALL SIGNING, STRIPING, AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND STANDARD SPECIFICATIONS, CALIFORNIA M.U.T.C.D., AND ANY ADDENDUMS THERTO, AND AS SHOWN ON THESE PLANS.
2. THERE SHALL BE NO INTERFERENCE WITH TRAFFIC SIGNALS OR CROSSWALKS.
3. CONES SHALL BE 28" MINIMUM HEIGHT AND SHALL HAVE REFLECTORIZED SLEEVES FOR NIGHT WORK.
4. POLICE SHALL DIRECT TRAFFIC AS NECESSARY.
5. CONES WILL BE INSTALLED TO DELINEATE ANY TYPE III BARRICADES LOCATED WITHIN PEDESTRIAN CROSSWALK OR PASSAGE WAYS.

# UAS QUESTIONNAIRE

FilmL.A. Permit #: F00156284-A

(FOR MORE THAN 2 LOCATIONS, PLEASE LIST ADDITIONAL LOCATIONS, DATES, AND TIMES ON A SEPARATE PIECE OF PAPER)

Film Date: 9/24/19

Production Title: Monty's Last Stand

Production Company: Autonomy Productions, LLC

Applicant Name: Jose Rodrigo Resendiz

Location Address: Union Bank Plaza

Hours of UAS Activity: 7pm - 5am

Location Address #2: 445 S Figueroa St, Los Angeles, CA 90071

Hours of UAS Activity:

UAS Company Name: XM2 Aerial Los Angeles Inc.

## UAS ON LOCATION INFORMATION

ANY RESTRICTED AREAS OR TEMPORARY FLIGHT RESTRICTIONS? ☐ YES ■ NO

UAS Make & Model: XM2 Tango

UAS "N" # or registration #: FA3R3KNT9H

UAS Make & Model: DJI Inspire 2

UAS "N" # or registration #: FA3R3KRNC9

Class of Airspace that activity will occur in: ☐ B ☐ C ☐ D ☐ E ■ G

**REMINDER:** IF YOU ARE FLYING IN CLASS B, C, D, OR E AIRSPACE, ATC AUTHORIZATION IS REQUIRED FOR ALL UAS ACTIVITY.

## UAS OPERATING AUTHORITY:

■ 14 CFR PART 107 ☐ TITLE 49 (STUDENTS ONLY)

### PART 107 REQUIREMENTS

Name of Remote Pilot: Jose Rodrigo Resendiz

Remote Pilot Phone #: (213) 247-1865

Certificate #: 3922739

Visual Observer: ■ YES ☐ NO

**PLEASE PROVIDE THE FOLLOWING:**

- Copy of Remote Pilot's Certificate
- Copy of UAS Registration Certificate for each UAS listed above
- Description of Planned Operations
- Current Knowledge Test, if Airman Certificate is more than 2 years old

### TITLE 49 REQUIREMENTS (STUDENTS ONLY)

Applies to **students enrolled at an accredited educational institution**, operating under "Hobbyist" rules. **May not be used for any commercial filming.**

Name of Operator:

Operator's Phone #:

Name of School:

**PLEASE PROVIDE THE FOLLOWING:**

- Copy of UAS Registration
- Detailed description of proposed UAS activities
- Name of community-based organization's safety guidelines under which you will be operating
- Required insurance
- Certification letter from school (on school stationary)

## WAIVERS

If you are requesting any of the following activity, please check all that apply and furnish proof of waiver from the FAA upon submission of this document to FilmL.A. **Please note, students may not apply for FAA waivers under Title 49.**

☐ Flight over non-participants (§107.39)
☐ Flight altitude restrictions (§107.51)
■ Night Flight (§107.29)
☐ Operating from a moving vehicle (§107.25)
☐ Operating multiple small UAS' (§107.35)

## *FILMLA. USE ONLY*

### PART 107 CERTIFICATE

☐ INSURANCE
☐ DOCS ATTACHED TO PERMIT
☐ REMOTE PILOT CERTIFICATE
☐ UAS REGISTRATION CERTIFICATE(S)
☐ WAIVERS
☐ DESCRIPTION OF OPS.
☐ ATC COORDINATOR NOTE

### TITLE 49 REQUIREMENTS

☐ UAS REGISTRATION
☐ DESC. UAS ACTIVITIES
☐ COMMUNITY GUIDELINES
☐ INSURANCE
☐ SCHOOL LETTER

[X] Jose Rodrigo Resendiz (APPLICANT) **I ASSERT THAT ALL INFORMATION ON THIS FORM IS ACCURATE.**

NOT A PERMIT

MONTY'S LAST STAND

**UAS Plan of Activity**

Shoot Dates/Times
September 24th, 2019 7:00 PM – 5:00 AM

Production Company
Autonomy Productions, LLC

Job Name:
"Monty's Last Stand"

Location
Union Bank Plaza
445 S Figueroa St
Los Angeles, CA 90071
(please see overhead)

UAS Pilot/PIC: Jose Rodrigo Resendiz (Part 107 #3922739)
AUS Visual Observer: Jonathan Hong
Camera Operators: Andrea Bassani

Shots will consist of tracking and following shots of actors and vehicles with XM2 Tango and DJI Inspire 2 over a public plaza with Police Officers providing intermittent pedestrian control.

The UAS will remain below 400ft AGL. The landing zone will remain clear of non-participants upon takeoff and landing. The Pilot In Command (PIC) will maintain visual line of sight with the UAS at all times. A Visual Observer will be used to spot any hazards and aid the Pilot with necessary flight tasks and safety.

A safety meeting will take place with all crew prior to UAS activity. Any questions or concerns shall be brought to the attention of the PIC and his flight crew.

NOT A PERMIT

MONTY'S LAST STAND
PLAN OF ACTIVITY
TUESDAY SEPTMBER 24TH, 2019

MICHAEL WESLEY
(818) 517-6271

IPC of Union Bank Plaza 445 S Figueroa St, Los Angeles, CA 90071

ACTUAL

NOT A PERMIT

## Small UAS Certificate of Registration

Name: XM2 Aerial Los Angeles Inc.

Manufacturer: DJI

Model: Inspire 2 T650A

Serial Number: 0A0LF3M10700B9

Certificate Number: FA3R3KRNC9

Issued: 11/30/2018 Expires: 11/30/2021

*For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.*

*For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.*

*This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas*

Federal Aviation Administration

I **UNITED STATES OF AMERICA** XI

DEPARTMENT OF TRANSPORTATION ▪ FEDERAL AVIATION ADMINISTRATION

IV NAME

**JOSE RODRIGO RESENDIZ**

V ADDRESS 1272 E LEXINGTON ST
PASADENA CA 91104-1441

VI NATIONALITY USA

| SEX | HEIGHT | WEIGHT | HAIR | EYES |
|---|---|---|---|---|
| M | 72 | 240 | BROWN | BROWN |

IVa D.O.B. 17 AUG 1979

IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF

II **REMOTE PILOT**

III CERTIFICATE NUMBER 3922739

X DATE OF ISSUE 25 SEP 2016

XIV

VIII ADMINISTRATOR

U A S

NOT A PERMIT

# U.S. DEPARTMENT OF TRANSPORTATION
## Federal Aviation Administration
## Airman Knowledge Test Report

**NAME:** Resendiz , Jose Rodrigo

**APPLICANT ID:** 08171979 **EXAM ID:** 900921201859313 85

**EXAM:** Unmanned Aircraft - Recurrent ( UGR )

**EXAM DATE:** 09/21/2018 **EXAM SITE:** ABS91301

**SC** [redacted] **GRADE:** Pass **TAKE:** 1

Learning statement codes listed below represent incorrectly answered questions. Learning statement codes a associated statements can be found at
www.faa.gov/training_testing/testing/media/LearningStatementReferenceGuide.pdf.

Reference material associated with the learning statement codes can be found in the appropriate knowledge guide at www.faa.gov/training_testing/testing/test_guides.

A single code may represent more than one incorrect response.
PLT040 PLT064 PLT104 PLT162 PLT323 PLT376 PLT393

(emboss)

**EXPIRATION DATE:** 09/30/2020

**DO NOT LOSE THIS REPORT**

- - - -

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

# CERTIFICATE OF WAIVER

**Issued To: XM2 Aerial Los Angeles Inc.**
**Responsible Person: Loic Maheas**
**Waiver Number: 107W-2019-00166**

**Address:**
**16143 Waterman Dr**
**Van Nuys, CA 91406**

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Night small unmanned aircraft system (sUAS) operations.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

**14 CFR § 107.29—Daylight operation**

## STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
4. This certificate is nontransferable.

NOTE—This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

## SPECIAL PROVISIONS

Special Provisions Nos. 1 to 13, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from February 21, 2019, to February 28, 2023, and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

**BY DIRECTION OF THE ADMINISTRATOR**

**General Aviation and Commercial Division, AFS–800**

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**SPECIAL PROVISIONS ISSUED TO**

**XM2 Aerial Los Angeles Inc.**

**General**

The FAA's Flight Standards Service has reviewed your application to ensure compliance with the requirements of 14 CFR § 107.200. The Administrator finds that the proposed sUAS operation can be conducted safely under the provisions of this Certificate of Waiver (Waiver) as listed below because you have established adequate mitigations for risks involved with operating your sUAS in the manner you described. Adherence to the provisions of this Waiver establishes the required level of safety within the national airspace system.

This Waiver may be canceled at any time by the Administrator, the person authorized to grant the Waiver, or the representative designated to monitor a specific operation. As a general rule, this Waiver may be canceled when it is no longer required, there is an abuse of its provisions, or when unforeseen safety factors develop. Failure to comply with any provision listed below is a violation of the terms of this Waiver and may serve as justification for cancellation.

List of Regulations Waived by Section and Title. The following regulations are waived:

14 CFR § 107.29, Daylight operation, is waived to allow sUAS operations during night.

No part of this waiver will function as an airspace authorization under 14 CFR § 107.41. The FAA's Air Traffic Organization responds directly to such requests.

**Common Special Provisions.** The Responsible Person is directly responsible for safety of operations conducted under this Waiver and will ensure the remote PIC, manipulator of the controls, and Visual Observer(s) (VO)[1] comply with all provisions of this Waiver.

1. The Responsible Person listed on the Waiver is responsible to the FAA for the safe conduct of the operations. Prior to conducting operations that are the subject of this Waiver, the responsible person:
   a. Must ensure the remote PIC, manipulators of the controls, and VO are informed of the terms and provisions of this Waiver and strictly observe the terms and provisions herein;
   b. Must ensure the remote PIC, manipulators of the controls, and VO are informed and familiar with part 107 regulations; and
   c. Evidence of the above (a and b) must be documented and must be presented for inspection upon request from the Administrator or an authorized representative;

2. This Waiver may not be combined with any other waiver(s), authorizations(s), or exemption(s) without specific authorization from the FAA;

3. The FAA has the authority to cancel or delay any or all flight operations if the safety of persons or property on the ground or in the air are in jeopardy or there is a violation of the terms of this Waiver;

4. A copy of this Waiver must be accessible and available to the Remote Pilot in Command (remote PIC) at the ground control station during sUAS operations that are the subject of this Waiver;

[1] Title 14 CFR § 107.3 defines the term "visual observer." Any VO participating in operations conducted under this Waiver must meet the requirements listed in § 107.33 throughout the duration of flight operations.



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5. The Responsible Person listed on this Waiver must maintain a current list of pilots by name and remote pilot certificate number used in operations under this Waiver. This list must be presented for inspection upon request from the Administrator or an authorized representative;

6. The Responsible Person listed on this Waiver must maintain a current list of small unmanned aircraft (sUA) by registration number(s) used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative;

7. For the purposes of this Waiver, Direct Participants are the remote pilots in command (PICs), persons manipulating the controls, visual observers (VOs), and any persons whose involvement is necessary for safety of the sUAS operation. All other persons are considered non-participants;

**Operations as defined in 14 CFR § 1.1, Specific Special Provisions.** sUAS operations may be conducted under this waiver provided:

8. All operations under this Waiver must use one or more VO;

9. Prior to conducting operations that are the subject of this Waiver, the remote PIC and VO must be trained, as described in the Waiver application, to recognize and overcome visual illusions caused by darkness, and understand physiological conditions which may degrade night vision. This training must be documented and must be presented for inspection upon request from the Administrator or an authorized representative;

10. The area of operation must be sufficiently illuminated to allow both the remote PIC and VO to identify people or obstacles on the ground, or a daytime site assessment must be performed prior to conducting operations that are the subject of this Waiver, noting any hazards or obstructions;

11. The sUA must be equipped with lighted anti-collision lighting visible from a distance of no less than 3 statute miles. The intensity of the anti-collision lighting may be reduced if, because of operating conditions, it would be in the interest of safety to do so;

12. ADS-B out (1090/978 MHz) may not be transmitted from the sUAS when operating pursuant to this Waiver;

13. All emitters used in sUAS must be in compliance with all applicable FCC regulations and all provisions of the FCC authorization granted for the emitter. A FCC experimental authorization may not be used for sUAS operations under this Waiver.

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**SPECIAL CONDITIONS FOR LOCATION FILMING IN DOWNTOWN LOS ANGELES**
**(Standard Filming Requirements continue to apply where not superseded below)**

**1. DEFINITION OF TERMS**

**a. Downtown Los Angeles**, for the purposes of these conditions, shall be defined as the area North to South from the 101 Freeway to the 10 Freeway; East to West from the Los Angeles River to the 110 Freeway.

**b.** The Downtown Los Angeles Neighborhood Council boundaries (**DLANC boundaries**), for the purpose of these conditions, shall be defined as bordered on the North and East at the 101 Freeway from the 110 Freeway east to Los Angeles Street, south to 4th Street, east to Alameda Street, south to 7th Street, east to the Los Angeles River; on the South by the 10 Freeway from the 110 Freeway to the Los Angeles River; on the West by 110 Freeway from the 10 Freeway to the 101 Freeway. (This area is the same area as defined above as Downtown Los Angeles, but excludes the Little Tokyo and Arts District neighborhoods.)

**c. Residential buildings** shall be defined as any building with legal residential occupants (mixed-use, adaptive reuse, artist-in-residence (A.I.R.), SROs, residential hotels, condominiums and apartment buildings). DLANC will maintain an accurate and contemporary listing of all residential buildings showing a 100-foot radius from each building so as to identify any areas both inside and outside of that radius.

**d. The Broadway Entertainment District (aka Broadway Theatre District),** for the purposes of these Conditions, shall be defined north to south as Broadway from 3rd Street to Olympic Boulevard, and east to west from Frank Court to Lindley Place (aka St. Vincent Alley Court), or the equivalent mid-block point to either of these alleys where the alley is not present, including any theater loading facilities, defined as any public or private surface parking lot, parking garage, public street or curb area adjacent to, or utilized by, a theater. If, in the future, the City adopts an ordinance with regulations governing filming in this area, such regulations shall supersede these Filming Conditions.

**e. The Old Bank District residential overlay,** for the purposes of these Conditions, shall be defined as the area bound by South Spring St., West 5th St., West 4th St., and Werdin Pl.

**2. FILMING STANDARD HOURS AND DAYS**

**a.** Filming activity, or any production-related activity including but not limited to activities such as base camps, catering, generators, etc., within the **DLANC boundaries** is restricted to the hours of 6:00 a.m. to 11:00 p.m. within a 100-foot radius of any residential building. Filming activity in the **Broadway Entertainment District** is restricted to the hours of 6:00 a.m. to Midnight within a 50-foot radius of any residential building. **Old Bank District** is restricted to the hours of 7:00 a.m. to 10:00 p.m. within a 100-foot radius of any residential building**.** No extension of the standard filming hours for

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filming or any disruptive production-related activity shall be allowed until a signature survey has been properly submitted. Proof of signature surveys shall be made available to DLANC upon request.

**b.** No film permits may be issued along Main and Spring Streets from 2nd to 9th Streets, or on any block of 2nd through 9th Streets between Los Angeles and Spring during the Downtown Art Walk, currently held on the second Thursday of each month. Filming inside of private buildings or entirely on private property during this time is permitted so long as there are no external impacts.

**c.** No filming may be conducted in close proximity to major public events anywhere in Downtown Los Angeles as permitted by the LAPD, or identified with 30 days notice to the City's Designated Film Permit Contractor by DLANC. Film permits may be considered in light of major public events on a case-by-case basis so long as their issuance will not cause further disruption to Downtown businesses and residents during such events.

**3. RESIDENTIAL AND MERCHANT PROTECTIONS IN THE DLANC BOUNDARIES**

**a.** A film permit may include no more than 300 feet of curb lane per city block for the parking of film production vehicles, crew or equipment. Requests for additional amounts of curb lane shall require a signature survey. The **Broadway Entertainment District** is exempt from this restriction.

**b.** Production personnel (and equipment utilized by the production company) shall not block the sidewalk area in front of an open commercial business or a residential building, including residential patios, windows, doorways, or entryways, unless the production company has secured the permission of the merchant and/or property owner. Where the commercial business is one that is primarily open in the evening and nighttime hours, the production company, their cast and crew may not block the access to and signage of such establishment (as seen from the street), without permission of the merchant and/or property owner during the hours of operation of the business.

**c.** Customers, employees, residents, and guests of affected properties shall be allowed free ingress/egress to all buildings, merchants, and parking facilities. Arrangements shall be made to ensure access to deliveries, trash pickup, residential move-in/move-out, and vendor access to the properties/merchants during productions.

**d.** All commercial businesses must prominently post hours of operation and contact phone numbers, and residential buildings must have a designated contact person authorized to give permission. Special events held by commercial businesses, outside of normal business hours, must also be posted in advance, and production companies must provide full access and visibility during such events.

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**4. NOISE, FUMES, AND LIGHTING WITHIN THE DLANC BOUNDARIES**

**a.** Generators, portable toilets or toilet vehicles, and outdoor food preparation using charcoal or gas grills must be a minimum of 50 feet (horizontally) from any residential window or entrance. If it is physically impossible for a generator to be a minimum of 50 feet from residential windows or entrances, the generator shall be placed as far away as possible and vented away from residential windows and entrances. However, under no circumstances shall a generator be placed directly underneath a residential window.

**b.** Film productions must focus lighting on the filming area only and make every effort to shield the lighting from adjacent properties, pedestrians, and patrons of commercial businesses at all times. Exceptional lighting (e.g., Musco and Bebee lighting) outside of regular filming hours shall not be allowed without a signature survey of the affected merchants and/or property owners. **Signature survey shall be required for Exceptional lighting within the Old Bank District between the hours of 6:00 p.m. and 6:00 a.m.** Under no circumstances shall lighting be directed onto oncoming traffic.

**c.** Film production companies are required to completely remove all trash, food, and cardboard boxes, etc. from the general vicinity at the end of each filming day. Film production companies will be held responsible for the actions of catering companies they employ to provide food for the cast and crew.

**5. SPECIAL REQUESTS AND EXCEPTIONS REVIEW AND NOTIFICATION WITHIN THE DLANC BOUNDARIES**

**a.** Helicopters shall not be granted permits for landing at non-certified helipads before and after approved filming hours. All aerial filming productions must provide upon request a copy of an approved FAA Form 7711-2, or other official waiver, along with a copy of the briefing on the flight operations for all participating persons or property.

**b.** No film permit shall be construed as a waiver of 14 CFR § 91.119, 14 CFR § 91.515(a) or 14 CFR § 91.303(e), dictating federal flight altitude regulations, for purposes of non-participating persons or property (see attachment).

**c.** Notification beyond the standard 500-foot radius will be made to affected residents and merchants for high impact activity that is likely to cause interference with adjacent properties of people such as car chases, simulated gun fire, explosions, screams for help and other loud noises, helicopter activity, road closures or other such exceptional activities that might cause a police response to the filming location. High impact filming activity must be preceded by notifications at least two days in advance. The City's Designated Film Permit Contractor or the production company shall consult a designated DLANC representative when an applicant requests a permit for high impact filming activity with less than two days notice.

**d.** Due to the location of building air intake systems on Lower Grand Avenue, no special effects, including smoke, steam or fog, may occur in that area without first obtaining

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clearance from the appropriate building contacts and maintenance engineers. Contact must be made at least 48 hours prior to the proposed effect(s).

**6. FILMING-RELATED CONGESTION WITHIN THE DLANC BOUNDARIES**

**a.** The City's Designated Film Permit Contractor will ensure that the impact from filming at recurrently used locations is minimized to the affected residents and businesses.

**b.** In rush hour restricted lanes, as designated by LADOT, no Intermittent Traffic Control (ITC) shall be permitted during Rush Hours (7:00 a.m. – 9:00 a.m. and 4:00 p.m. – 7:00 p.m., Monday through Friday). No simultaneous closures or ITC of both the Second and Third Street Tunnels will be permitted.

**c.** Production companies shall request the posting of "no parking" signs, lane or street closures with LADOT for the day(s) that they are "on site" only. When closures are not necessary for the day(s) requested, production companies shall report the changes to the City's Designated Film Permit Contractor, who shall notify LADOT, who must revise and/or remove parking signs, as necessary.

**d.** Production companies must provide adequate detour and directional signage when street closures are in place, conforming to current LADOT standards and practices. Detour routes must accommodate large, semi and tractor trailer trucks and public transit vehicles.

**7. ENFORCEMENT OF CONDITIONS**

a. In accordance with the terms of their work permit issued from LAPD, off-duty or retired police officers must, upon reporting to a work site, review and ensure compliance with conditions outlined on the filming permit. Officers shall ensure compliance with arrival and departure time, and shall not allow any activity or conduct that is in violation of local or state law, nor allow any filming condition that is not authorized by the permit. Variations from the requirements of the permit are not allowed unless approved by an authorized representative of the City's Designated Film Permit Contractor.

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# UAS QUESTIONNAIRE

FilmL.A. Permit #: F00156284-A

(FOR MORE THAN 2 LOCATIONS, PLEASE LIST ADDITIONAL LOCATIONS, DATES, AND TIMES ON A SEPARATE PIECE OF PAPER)

Film Date: 9/24/19 Production Title: Monty's Last Stand

Production Company: Autonomy Productions, LLC Applicant Name: Loic Maheas

Location Address: Bonaventure YMCA Skybridge Hours of UAS Activity: 7pm - 5am

Location Address #2: Flower St Bet 4th St. & 5th St., LA CA 90071 Hours of UAS Activity:

UAS Company Name: XM2 Aerial Los Angeles Inc.

## UAS ON LOCATION INFORMATION

ANY RESTRICTED AREAS OR TEMPORARY FLIGHT RESTRICTIONS? ☐ YES ■ NO

UAS Make & Model: XM2 Tango UAS "N" # or registration #: FA3R3KNT9H

UAS Make & Model: DJI Inspire 2 UAS "N" # or registration #: FA3R3KRNC9

Class of Airspace that activity will occur in: ☐ B ☐ C ☐ D ☐ E ■ G

**REMINDER:** IF YOU ARE FLYING IN CLASS B, C, D, OR E AIRSPACE, ATC AUTHORIZATION IS REQUIRED FOR ALL UAS ACTIVITY.

## UAS OPERATING AUTHORITY:

■ 14 CFR PART 107 ☐ TITLE 49 (STUDENTS ONLY)

### PART 107 REQUIREMENTS

Name of Remote Pilot: Loic Maheas Certificate #: 4018491

Remote Pilot Phone #: 6266735795 Visual Observer: ■ YES ☐ NO

**PLEASE PROVIDE THE FOLLOWING:**

- Copy of Remote Pilot's Certificate
- Copy of UAS Registration Certificate for each UAS listed above
- Description of Planned Operations
- Current Knowledge Test, if Airman Certificate is more than 2 years old

### TITLE 49 REQUIREMENTS (STUDENTS ONLY)

Applies to **students enrolled at an accredited educational institution**, operating under "Hobbyist" rules. **May not be used for any commercial filming.**

Name of Operator: Operator's Phone #:

Name of School:

**PLEASE PROVIDE THE FOLLOWING:**

- Copy of UAS Registration
- Detailed description of proposed UAS activities
- Name of community-based organization's safety guidelines under which you will be operating
- Required insurance
- Certification letter from school (on school stationary)

## WAIVERS

If you are requesting any of the following activity, please check all that apply and furnish proof of waiver from the FAA upon submission of this document to FilmL.A. **Please note, students may not apply for FAA waivers under Title 49.**

☐ Flight over non-participants (§107.39) ☐ Flight altitude restrictions (§107.51) ■ Night Flight (§107.29)

☐ Operating from a moving vehicle (§107.25) ☐ Operating multiple small UAS' (§107.35)

### *FILMLA. USE ONLY*

**PART 107 CERTIFICATE**

- ☐ INSURANCE
- ☐ DOCS ATTACHED TO PERMIT
- ☐ REMOTE PILOT CERTIFICATE
- ☐ UAS REGISTRATION CERTIFICATE(S)
- ☐ WAIVERS
- ☐ DESCRIPTION OF OPS.
- ☐ ATC COORDINATOR NOTE

**TITLE 49 REQUIREMENTS**

- ☐ UAS REGISTRATION
- ☐ DESC. UAS ACTIVITIES
- ☐ COMMUNITY GUIDELINES
- ☐ INSURANCE
- ☐ SCHOOL LETTER

☐ Loic Maheas (APPLICANT) **I ASSERT THAT ALL INFORMATION ON THIS FORM IS ACCURATE.**



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MONTY'S LAST STAND

**UAS Plan of Activity**

Shoot Dates/Times
September 24th, 2019 7:00 PM – 5:00 AM

Production Company
Autonomy Productions, LLC

Job Name:
"Monty's Last Stand"

Location
Skybridge from YMCA – Westin Bonaventure
(please see overhead)

UAS Pilot/PIC: Loic Maheas (Part 107 #4018491)
AUS Visual Observer: Steve Ahn (Part 107 #4153930)
Camera Operators: 2 XM operators Names TBD

Shots will consist of tracking and following shots of actors and vehicles with XM2 Tango and DJI Inspire 2 over a public road and public sidewalks with Police Officers providing intermittent pedestrian and traffic control.

The UAS will remain below 400ft AGL. The landing zone will remain clear of non-participants upon takeoff and landing. The Pilot In Command (PIC) will maintain visual line of sight with the UAS at all times. A Visual Observer will be used to spot any hazards and aid the Pilot with necessary flight tasks and safety.

A safety meeting will take place with all crew prior to UAS activity. Any questions or concerns shall be brought to the attention of the PIC and his flight crew.

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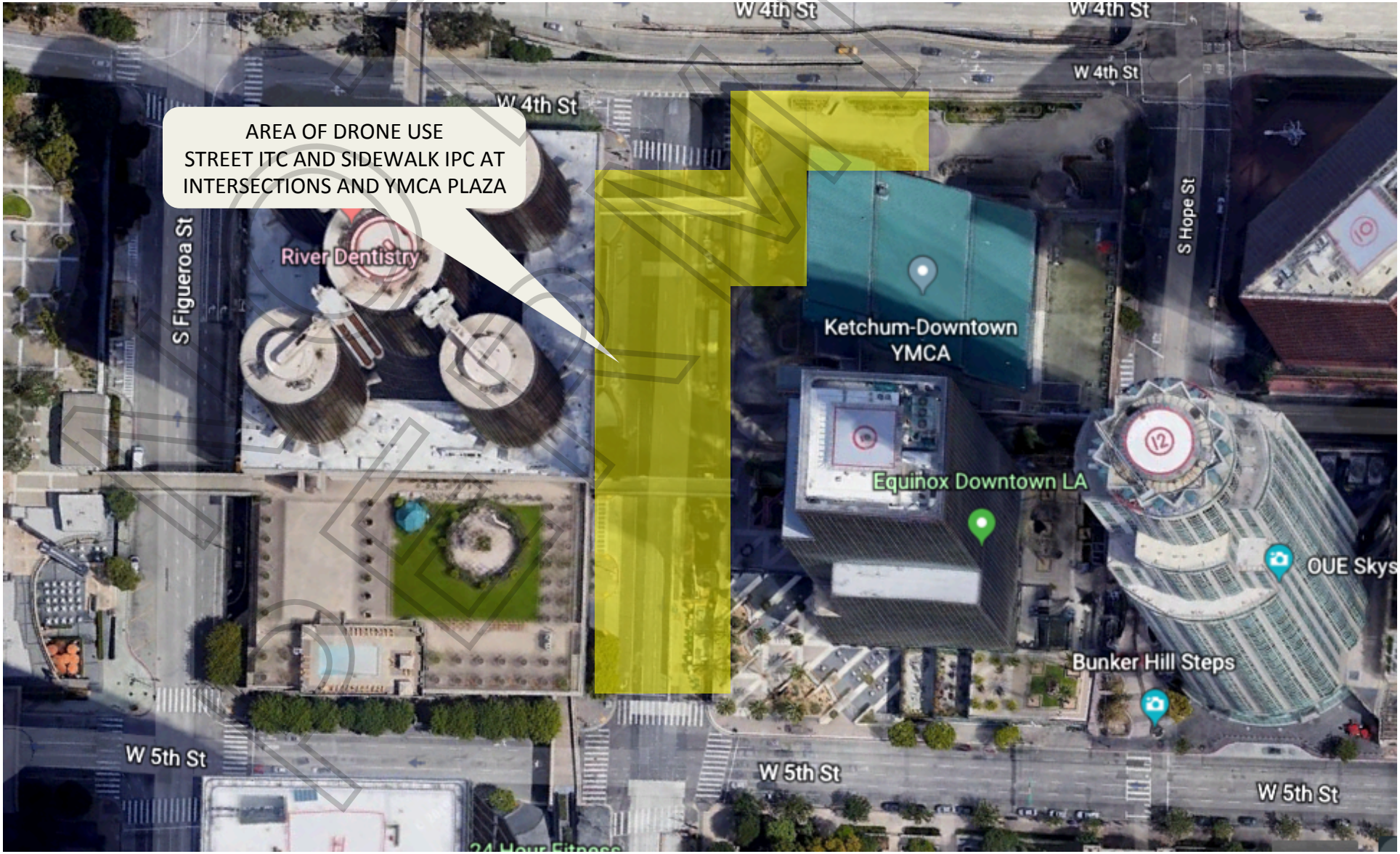
MONTY'S LAST STAND
PLAN OF ACTIVITY
TUESDAY SEPTMBER 24TH, 2019

MICHAEL WESLEY
(818) 517-6271




ITC & IPC FLOWER BET 4TH AND 5TH ST

DRAFT

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## Small UAS Certificate of Registration

Name: XM2 Aerial Los Angeles Inc.

Manufacturer: DJI

Model: Inspire 2 T650A

Serial Number: 0A0LF3M10700B9

Certificate Number: FA3R3KRNC9

Issued: 11/30/2018 Expires: 11/30/2021

*For U.S. citizens, permanent residents, and certain non-citizen U.S. corporations, this document constitutes a Certificate of Registration. For all others, this document represents a recognition of ownership.*

*For all holders, for all operations other than as a model aircraft under sec. 336 of Pub. L. 112-95, additional safety authority from FAA and economic authority from DOT may be required.*

*This Small UAS Certificate of Registration is not an authorization to conduct flight operations with an unmanned aircraft. Operations must be conducted in accordance with the applicable FAA requirements. The operator of the aircraft is responsible for knowing and understanding what those requirements are. For more information on flying for non-model purposes, please visit the FAA website at www.faa.gov/uas*

Federal Aviation Administration

U.S. DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

# CERTIFICATE OF WAIVER

**Issued To: XM2 Aerial Los Angeles Inc.**
**Responsible Person: Loic Maheas**
**Waiver Number: 107W-2019-00166**

**Address:**
**16143 Waterman Dr**
**Van Nuys, CA 91406**

This certificate is issued for the operations specifically described hereinafter. No person shall conduct any operation pursuant to the authority of this certificate except in accordance with the standard and special provisions contained in this certificate, and such other requirements of the Federal Aviation Regulations not specifically waived by this certificate.

OPERATIONS AUTHORIZED

Night small unmanned aircraft system (sUAS) operations.

LIST OF WAIVED REGULATIONS BY SECTION AND TITLE

**14 CFR § 107.29—Daylight operation**

## STANDARD PROVISIONS

1. A copy of the application made for this certificate shall be attached to and become a part hereof.
2. This certificate shall be presented for inspection upon the request of any authorized representative of the Administrator of the Federal Aviation Administration, or of any State or municipal official charged with the duty of enforcing local laws or regulations.
3. The holder of this certificate shall be responsible for the strict observance of the terms and provisions contained herein.
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NOTE—This certificate constitutes a waiver of those Federal rules or regulations specifically referred to above. It does not constitute a waiver of any State law or local ordinance.

## SPECIAL PROVISIONS

Special Provisions Nos. 1 to 13, inclusive, are set forth on the attached pages.

This Certificate of Waiver is effective from February 21, 2019, to February 28, 2023, and is subject to cancellation at any time upon notice by the Administrator or an authorized representative.

**BY DIRECTION OF THE ADMINISTRATOR**

**General Aviation and Commercial Division, AFS–800**

PILOT

**SPECIAL PROVISIONS ISSUED TO**

**XM2 Aerial Los Angeles Inc.**

**General**

The FAA's Flight Standards Service has reviewed your application to ensure compliance with the requirements of 14 CFR § 107.200. The Administrator finds that the proposed sUAS operation can be conducted safely under the provisions of this Certificate of Waiver (Waiver) as listed below because you have established adequate mitigations for risks involved with operating your sUAS in the manner you described. Adherence to the provisions of this Waiver establishes the required level of safety within the national airspace system.

This Waiver may be canceled at any time by the Administrator, the person authorized to grant the Waiver, or the representative designated to monitor a specific operation. As a general rule, this Waiver may be canceled when it is no longer required, there is an abuse of its provisions, or when unforeseen safety factors develop. Failure to comply with any provision listed below is a violation of the terms of this Waiver and may serve as justification for cancellation.

List of Regulations Waived by Section and Title. The following regulations are waived:

14 CFR § 107.29, Daylight operation, is waived to allow sUAS operations during night.

No part of this waiver will function as an airspace authorization under 14 CFR § 107.41. The FAA's Air Traffic Organization responds directly to such requests.

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   a. Must ensure the remote PIC, manipulators of the controls, and VO are informed of the terms and provisions of this Waiver and strictly observe the terms and provisions herein;
   b. Must ensure the remote PIC, manipulators of the controls, and VO are informed and familiar with part 107 regulations; and
   c. Evidence of the above (a and b) must be documented and must be presented for inspection upon request from the Administrator or an authorized representative;

2. This Waiver may not be combined with any other waiver(s), authorizations(s), or exemption(s) without specific authorization from the FAA;

3. The FAA has the authority to cancel or delay any or all flight operations if the safety of persons or property on the ground or in the air are in jeopardy or there is a violation of the terms of this Waiver;

4. A copy of this Waiver must be accessible and available to the Remote Pilot in Command (remote PIC) at the ground control station during sUAS operations that are the subject of this Waiver;

[1] Title 14 CFR § 107.3 defines the term "visual observer." Any VO participating in operations conducted under this Waiver must meet the requirements listed in § 107.33 throughout the duration of flight operations.



FOR DRAFT

5. The Responsible Person listed on this Waiver must maintain a current list of pilots by name and remote pilot certificate number used in operations under this Waiver. This list must be presented for inspection upon request from the Administrator or an authorized representative;

6. The Responsible Person listed on this Waiver must maintain a current list of small unmanned aircraft (sUA) by registration number(s) used in the Waiver holder's operations. This list must be presented for inspection upon request from the Administrator or an authorized representative;

7. For the purposes of this Waiver, Direct Participants are the remote pilots in command (PICs), persons manipulating the controls, visual observers (VOs), and any persons whose involvement is necessary for safety of the sUAS operation. All other persons are considered non-participants;

**Operations as defined in 14 CFR § 1.1, Specific Special Provisions.** sUAS operations may be conducted under this waiver provided:

8. All operations under this Waiver must use one or more VO;

9. Prior to conducting operations that are the subject of this Waiver, the remote PIC and VO must be trained, as described in the Waiver application, to recognize and overcome visual illusions caused by darkness, and understand physiological conditions which may degrade night vision. This training must be documented and must be presented for inspection upon request from the Administrator or an authorized representative;

10. The area of operation must be sufficiently illuminated to allow both the remote PIC and VO to identify people or obstacles on the ground, or a daytime site assessment must be performed prior to conducting operations that are the subject of this Waiver, noting any hazards or obstructions;

11. The sUA must be equipped with lighted anti-collision lighting visible from a distance of no less than 3 statute miles. The intensity of the anti-collision lighting may be reduced if, because of operating conditions, it would be in the interest of safety to do so;

12. ADS-B out (1090/978 MHz) may not be transmitted from the sUAS when operating pursuant to this Waiver;

13. All emitters used in sUAS must be in compliance with all applicable FCC regulations and all provisions of the FCC authorization granted for the emitter. A FCC experimental authorization may not be used for sUAS operations under this Waiver.

PILOT

# U.S. DEPARTMENT OF TRANSPORTATION
## Federal Aviation Administration
## Airman Knowledge Test Report

**NAME:** MAHEAS, LOIC
**APPLICANT ID:** 08251994 **EXAM ID:** 50061320195935170
**EXAM:** Unmanned Aircraft - Recurrent ( UGR )
**EXAM DATE:** 06/13/2019 **EXAM SITE:** LAS91404
**SCORE:** 85% **GRADE:** PASS **TAKE:** 1

Learning statement codes listed below represent incorrectly answered questions. Learning statement codes and their associated statements can be found at **www.faa.gov/training_testing/testing/media/LearningStatementReferenceGuide.pdf**.

Reference material associated with the learning statement codes can be found in the appropriate knowledge test guide at **www.faa.gov/training_testing/testing/test_guides**.

A single code may represent more than one incorrect response.
PLT064 PLT103 PLT161 PLT162 PLT208 PLT435

(emboss)

**EXPIRATION DATE:** 06/30/2021

**DO NOT LOSE THIS REPORT**

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AUTHORIZED INSTRUCTOR'S STATEMENT: (if applicable)
On_____(date) I gave the above named applicant _____ hours of additional instruction, covering each subject area shown to be deficient, and consider the applicant competent to pass the test.

Name _____ Initial _____ Cert. No. _____ Type _____
(*print clearly*)

Signature _____

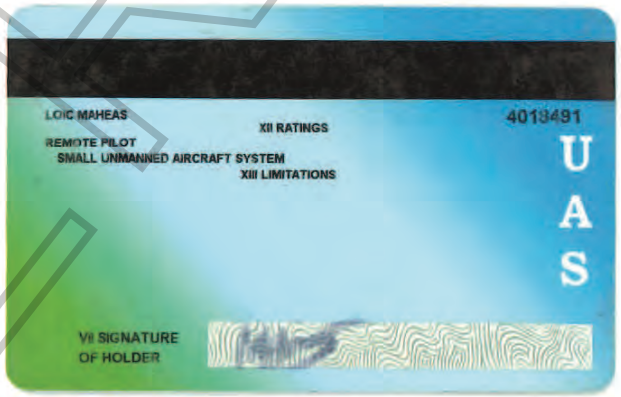
**FRAUDULENT ALTERATION OF THIS FORM BY ANY PERSON IS A BASIS FOR SUSPENSION OR REVOCATION OF ANY CERTIFICATES OR RATINGS HELD BY THAT PERSON.**

**ISSUED BY: PSI Services LLC**
**FEDERAL AVIATION ADMINISTRATION**
**THIS INFORMATION IS PROTECTED BY THE PRIVACY ACT. FOR OFFICIAL USE ONLY.**

PRINT NOT

**PILOT: LOIC MAHEAS**

I UNITED STATES OF AMERICA XI
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
IV NAME
LOIC MAHEAS
V ADDRESS 2643 SEA PINE LN
LA CRESCENTA CA 91214-1443
VI NATIONALITY USA
IVa D.O.B. 25 AUG 1994
SEX HEIGHT WEIGHT HAIR EYES
M 68 135 BLOND GREEN
IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF
II REMOTE PILOT
III CERTIFICATE NUMBER 4018491
X DATE OF ISSUE 20 JUN 2017
XIV
VIII ADMINISTRATOR
U
A
S

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**PILOT & TECH: STEVE AHN**

I UNITED STATES OF AMERICA XI
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
IV NAME
STEVE YOON AHN
V ADDRESS 8382 FOX HILLS AVE
BUENA PARK CA 90621-1411
VI NATIONALITY USA
IVa D.O.B. 5 JAN 1981
SEX HEIGHT WEIGHT HAIR EYES
M 67 200 BLACK BROWN
IX HAS BEEN FOUND TO BE PROPERLY QUALIFIED TO EXERCISE THE PRIVILEGES OF
II REMOTE PILOT
III CERTIFICATE NUMBER 4153930
X DATE OF ISSUE 11 JUL 2018
XIV
VIII ACTING ADMINISTRATOR
U
A
S

STEVE YOON AHN
XII RATINGS
4153930
REMOTE PILOT
SMALL UNMANNED AIRCRAFT SYSTEM
XIII LIMITATIONS
U
A
S
VII SIGNATURE
OF HOLDER

NOT A PERMIT

Permit #F00156284-F

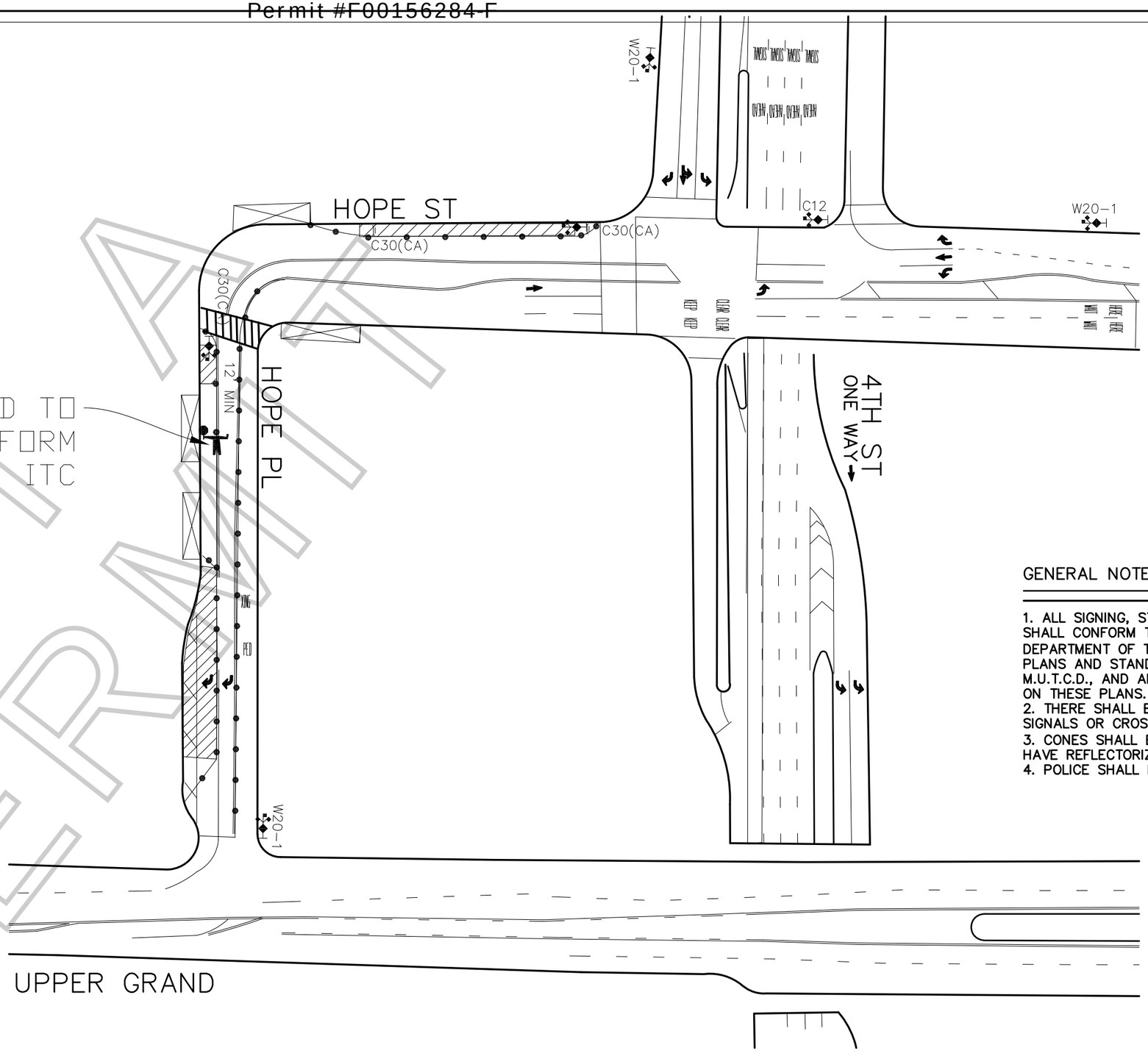
FILM LA COORDINATOR: PHILIP AJLAKI
FILM LA PERMIT # F-156284

CLOSURE INFO:

W/S CURB LANE OF HOPE ST
FROM 4TH ST – HOPE PL
9/24, 0700–9/25, 1900

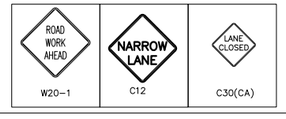
S/S OF HOPE PL
FROM GRAND–HOPE ST
9/24, 1900–0700

AUTONOMY PRODUCTIONS
"MONTY'S LAST STAND"
LOCATIONS CONTACT:
KATIE KING 323.260.4777(4PPS)




LEGEND:

- ADVANCE WARNING SIGN
- SIGN ON TYPE I BARRICADE
- TRAFFIC CONE 28" (REFLECTIVE)
- CLOSURE/WORK AREA
- DRIVEWAY




GENERAL NOTES:

1. ALL SIGNING, STRIPING, AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND STANDARD SPECIFICATIONS, CALIFORNIA M.U.T.C.D., AND ANY ADDENDUMS THERTO, AND AS SHOWN ON THESE PLANS.
2. THERE SHALL BE NO INTERFERENCE WITH TRAFFIC SIGNALS OR CROSSWALKS.
3. CONES SHALL BE 28" MINIMUM HEIGHT AND SHALL HAVE REFLECTORIZED SLEEVES FOR NIGHT WORK.
4. POLICE SHALL DIRECT TRAFFIC AS NECESSARY.

TCP DRAWN BY:
ISMAEL RODRIGUEZ
PACIFIC TRAFFIC CONTROL, INC.
323.981.0600 PH.
LIC # 944488

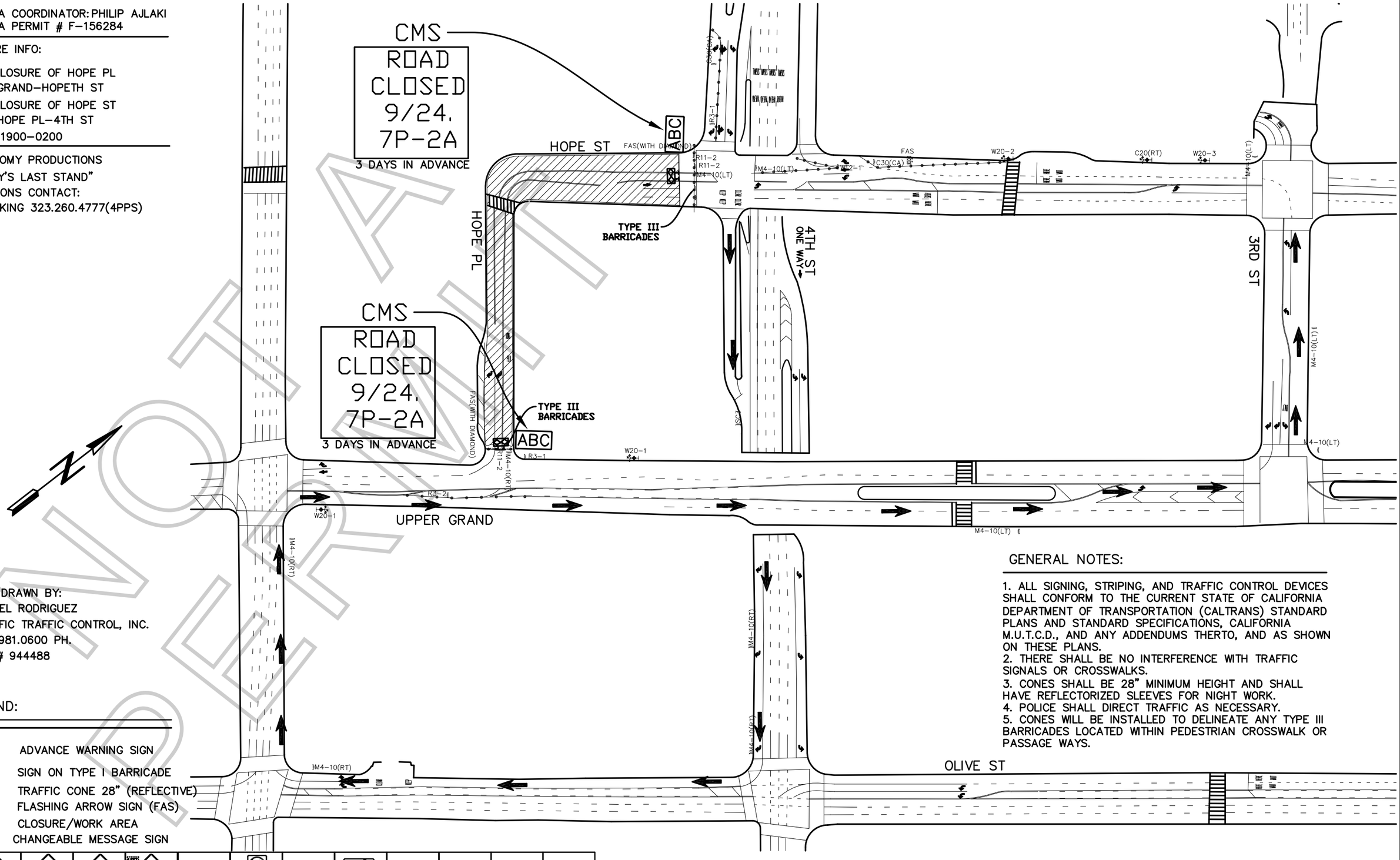
NOT APPROVED FOR PERMIT

FILM LA COORDINATOR: PHILIP AJLAKI
FILM LA PERMIT # F-156284

CLOSURE INFO:

FULL CLOSURE OF HOPE PL
FROM GRAND-HOPETH ST
FULL CLOSURE OF HOPE ST
FROM HOPE PL-4TH ST
9/24, 1900-0200

AUTONOMY PRODUCTIONS
"MONTY'S LAST STAND"
LOCATIONS CONTACT:
KATIE KING 323.260.4777(4PPS)




TCP DRAWN BY:
ISMAEL RODRIGUEZ
PACIFIC TRAFFIC CONTROL, INC.
323.981.0600 PH.
LIC # 944488

LEGEND:

- ADVANCE WARNING SIGN
- SIGN ON TYPE I BARRICADE
- TRAFFIC CONE 28" (REFLECTIVE)
- FLASHING ARROW SIGN (FAS)
- CLOSURE/WORK AREA
- ABC CHANGEABLE MESSAGE SIGN

| ROAD WORK AHEAD | DETOUR AHEAD | ROAD CLOSED AHEAD | RIGHT LANE CLOSED AHEAD | LANE CLOSED | R3-1 / R3-2 | | DETOUR M4-10(RT) / DETOUR M4-10(LT) | DETOUR | END DETOUR | RAMP CLOSED | ROAD CLOSED TO THRU TRAFFIC |
|---|---|---|---|---|---|---|---|---|---|---|---|
| W20-1 | W20-2 | W20-3 | W20-5(RT OR LT) | C30(CA) | | W1-6(LT) | | SC3 | M4-8a | R11-2 | R11-4 |

GENERAL NOTES:

1. ALL SIGNING, STRIPING, AND TRAFFIC CONTROL DEVICES SHALL CONFORM TO THE CURRENT STATE OF CALIFORNIA DEPARTMENT OF TRANSPORTATION (CALTRANS) STANDARD PLANS AND STANDARD SPECIFICATIONS, CALIFORNIA M.U.T.C.D., AND ANY ADDENDUMS THERTO, AND AS SHOWN ON THESE PLANS.
2. THERE SHALL BE NO INTERFERENCE WITH TRAFFIC SIGNALS OR CROSSWALKS.
3. CONES SHALL BE 28" MINIMUM HEIGHT AND SHALL HAVE REFLECTORIZED SLEEVES FOR NIGHT WORK.
4. POLICE SHALL DIRECT TRAFFIC AS NECESSARY.
5. CONES WILL BE INSTALLED TO DELINEATE ANY TYPE III BARRICADES LOCATED WITHIN PEDESTRIAN CROSSWALK OR PASSAGE WAYS.

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**SPECIAL CONDITIONS FOR LOCATION FILMING IN DOWNTOWN LOS ANGELES**
**(Standard Filming Requirements continue to apply where not superseded below)**

**1. DEFINITION OF TERMS**

**a. Downtown Los Angeles**, for the purposes of these conditions, shall be defined as the area North to South from the 101 Freeway to the 10 Freeway; East to West from the Los Angeles River to the 110 Freeway.

**b.** The Downtown Los Angeles Neighborhood Council boundaries (**DLANC boundaries**), for the purpose of these conditions, shall be defined as bordered on the North and East at the 101 Freeway from the 110 Freeway east to Los Angeles Street, south to 4th Street, east to Alameda Street, south to 7th Street, east to the Los Angeles River; on the South by the 10 Freeway from the 110 Freeway to the Los Angeles River; on the West by 110 Freeway from the 10 Freeway to the 101 Freeway. (This area is the same area as defined above as Downtown Los Angeles, but excludes the Little Tokyo and Arts District neighborhoods.)

**c. Residential buildings** shall be defined as any building with legal residential occupants (mixed-use, adaptive reuse, artist-in-residence (A.I.R.), SROs, residential hotels, condominiums and apartment buildings). DLANC will maintain an accurate and contemporary listing of all residential buildings showing a 100-foot radius from each building so as to identify any areas both inside and outside of that radius.

**d. The Broadway Entertainment District (aka Broadway Theatre District),** for the purposes of these Conditions, shall be defined north to south as Broadway from 3rd Street to Olympic Boulevard, and east to west from Frank Court to Lindley Place (aka St. Vincent Alley Court), or the equivalent mid-block point to either of these alleys where the alley is not present, including any theater loading facilities, defined as any public or private surface parking lot, parking garage, public street or curb area adjacent to, or utilized by, a theater. If, in the future, the City adopts an ordinance with regulations governing filming in this area, such regulations shall supersede these Filming Conditions.

**e. The Old Bank District residential overlay,** for the purposes of these Conditions, shall be defined as the area bound by South Spring St., West 5th St., West 4th St., and Werdin Pl.

**2. FILMING STANDARD HOURS AND DAYS**

**a.** Filming activity, or any production-related activity including but not limited to activities such as base camps, catering, generators, etc., within the **DLANC boundaries** is restricted to the hours of 6:00 a.m. to 11:00 p.m. within a 100-foot radius of any residential building. Filming activity in the **Broadway Entertainment District** is restricted to the hours of 6:00 a.m. to Midnight within a 50-foot radius of any residential building. **Old Bank District** is restricted to the hours of 7:00 a.m. to 10:00 p.m. within a 100-foot radius of any residential building**.** No extension of the standard filming hours for

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filming or any disruptive production-related activity shall be allowed until a signature survey has been properly submitted. Proof of signature surveys shall be made available to DLANC upon request.

**b.** No film permits may be issued along Main and Spring Streets from 2nd to 9th Streets, or on any block of 2nd through 9th Streets between Los Angeles and Spring during the Downtown Art Walk, currently held on the second Thursday of each month. Filming inside of private buildings or entirely on private property during this time is permitted so long as there are no external impacts.

**c.** No filming may be conducted in close proximity to major public events anywhere in Downtown Los Angeles as permitted by the LAPD, or identified with 30 days notice to the City's Designated Film Permit Contractor by DLANC. Film permits may be considered in light of major public events on a case-by-case basis so long as their issuance will not cause further disruption to Downtown businesses and residents during such events.

**3. RESIDENTIAL AND MERCHANT PROTECTIONS IN THE DLANC BOUNDARIES**

**a.** A film permit may include no more than 300 feet of curb lane per city block for the parking of film production vehicles, crew or equipment. Requests for additional amounts of curb lane shall require a signature survey. The **Broadway Entertainment District** is exempt from this restriction.

**b.** Production personnel (and equipment utilized by the production company) shall not block the sidewalk area in front of an open commercial business or a residential building, including residential patios, windows, doorways, or entryways, unless the production company has secured the permission of the merchant and/or property owner. Where the commercial business is one that is primarily open in the evening and nighttime hours, the production company, their cast and crew may not block the access to and signage of such establishment (as seen from the street), without permission of the merchant and/or property owner during the hours of operation of the business.

**c.** Customers, employees, residents, and guests of affected properties shall be allowed free ingress/egress to all buildings, merchants, and parking facilities. Arrangements shall be made to ensure access to deliveries, trash pickup, residential move-in/move-out, and vendor access to the properties/merchants during productions.

**d.** All commercial businesses must prominently post hours of operation and contact phone numbers, and residential buildings must have a designated contact person authorized to give permission. Special events held by commercial businesses, outside of normal business hours, must also be posted in advance, and production companies must provide full access and visibility during such events.

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**4. NOISE, FUMES, AND LIGHTING WITHIN THE DLANC BOUNDARIES**

**a.** Generators, portable toilets or toilet vehicles, and outdoor food preparation using charcoal or gas grills must be a minimum of 50 feet (horizontally) from any residential window or entrance. If it is physically impossible for a generator to be a minimum of 50 feet from residential windows or entrances, the generator shall be placed as far away as possible and vented away from residential windows and entrances. However, under no circumstances shall a generator be placed directly underneath a residential window.

**b.** Film productions must focus lighting on the filming area only and make every effort to shield the lighting from adjacent properties, pedestrians, and patrons of commercial businesses at all times. Exceptional lighting (e.g., Musco and Bebee lighting) outside of regular filming hours shall not be allowed without a signature survey of the affected merchants and/or property owners. **Signature survey shall be required for Exceptional lighting within the Old Bank District between the hours of 6:00 p.m. and 6:00 a.m.** Under no circumstances shall lighting be directed onto oncoming traffic.

**c.** Film production companies are required to completely remove all trash, food, and cardboard boxes, etc. from the general vicinity at the end of each filming day. Film production companies will be held responsible for the actions of catering companies they employ to provide food for the cast and crew.

**5. SPECIAL REQUESTS AND EXCEPTIONS REVIEW AND NOTIFICATION WITHIN THE DLANC BOUNDARIES**

**a.** Helicopters shall not be granted permits for landing at non-certified helipads before and after approved filming hours. All aerial filming productions must provide upon request a copy of an approved FAA Form 7711-2, or other official waiver, along with a copy of the briefing on the flight operations for all participating persons or property.

**b.** No film permit shall be construed as a waiver of 14 CFR § 91.119, 14 CFR § 91.515(a) or 14 CFR § 91.303(e), dictating federal flight altitude regulations, for purposes of non-participating persons or property (see attachment).

**c.** Notification beyond the standard 500-foot radius will be made to affected residents and merchants for high impact activity that is likely to cause interference with adjacent properties of people such as car chases, simulated gun fire, explosions, screams for help and other loud noises, helicopter activity, road closures or other such exceptional activities that might cause a police response to the filming location. High impact filming activity must be preceded by notifications at least two days in advance. The City's Designated Film Permit Contractor or the production company shall consult a designated DLANC representative when an applicant requests a permit for high impact filming activity with less than two days notice.

**d.** Due to the location of building air intake systems on Lower Grand Avenue, no special effects, including smoke, steam or fog, may occur in that area without first obtaining

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clearance from the appropriate building contacts and maintenance engineers. Contact must be made at least 48 hours prior to the proposed effect(s).

**6. FILMING-RELATED CONGESTION WITHIN THE DLANC BOUNDARIES**

**a.** The City's Designated Film Permit Contractor will ensure that the impact from filming at recurrently used locations is minimized to the affected residents and businesses.

**b.** In rush hour restricted lanes, as designated by LADOT, no Intermittent Traffic Control (ITC) shall be permitted during Rush Hours (7:00 a.m. – 9:00 a.m. and 4:00 p.m. – 7:00 p.m., Monday through Friday). No simultaneous closures or ITC of both the Second and Third Street Tunnels will be permitted.

**c.** Production companies shall request the posting of "no parking" signs, lane or street closures with LADOT for the day(s) that they are "on site" only. When closures are not necessary for the day(s) requested, production companies shall report the changes to the City's Designated Film Permit Contractor, who shall notify LADOT, who must revise and/or remove parking signs, as necessary.

**d.** Production companies must provide adequate detour and directional signage when street closures are in place, conforming to current LADOT standards and practices. Detour routes must accommodate large, semi and tractor trailer trucks and public transit vehicles.

**7. ENFORCEMENT OF CONDITIONS**

a. In accordance with the terms of their work permit issued from LAPD, off-duty or retired police officers must, upon reporting to a work site, review and ensure compliance with conditions outlined on the filming permit. Officers shall ensure compliance with arrival and departure time, and shall not allow any activity or conduct that is in violation of local or state law, nor allow any filming condition that is not authorized by the permit. Variations from the requirements of the permit are not allowed unless approved by an authorized representative of the City's Designated Film Permit Contractor.

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